

Litter decomposition is a fundamental process influencing not only energy resources and nutrient cycling in ecosystems but also the extraordinarily diverse communities connected by highly complex interactions. Plant litter decomposition has major control over nutrient availability, element cycling, and, consequently, plant growth and community structure. The litter compositions and traits, in turn, significantly affect ecological functions through food webs, interactions, and micro-environmental changes. Despite the overwhelming importance of litter decompositions for plants, soil fauna, microorganism communities, biogeochemical cycles, and ecosystem functions, information about their ecology is lacking.

For this topic, we welcome manuscripts that provide novel insights on a broad range of topics in the scope of litter decompositions, original works, reviews, and short communications are all very welcome.